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				U.S. PATENT DOCUMENTS		·				
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MC	AJ	64-74836	3-20-89	Japan			abstract	:		
	AK	53-108215	9-20-78	Japan		_	abstract	:		
	AL	63-28145	2-5-88	Japan			abstract			
V	AM	64-68144	3-14-89	Japan			abstract			
SP	AN	5-218978	8-27-93	Japan				х		
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM	PTO 1449 M	•	MENT OF COMMER	-CE	ATTY DOCKET NO. 2000_1420		SERIAL NEW	NO.				
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X	AA 5,311,550 5		5-10-94	Fouche et al.								
		AB	4,630,287	12-16-86	Armstrong	_						
	-	AC	4,271,527	6-2-81	Armstrong				— .			
		AD	5,050,188	9-17-91	Dirr	-						
		AE	5,398,073	3-14-95	Wei							
		AF	5,452,015	9-19-95	Hulyalkar							
		AG	5,565,932	10-15-96	Gitta et al.							
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	امل	AJ	0365431	4-25-90	EP					X		
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1	S.	AO								Bands",		
N		АР			Coding of Television Images, per 2, 1990, no. 3, pages 25		Compa	itible System",	Signal Prod	cessing		
X	12	AQ	Mitsuaki Oshima, "Constellation-Code Division Multiplex for Digital HDTV", IEEE, 1992, pages 1086-1092.									
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X	12	АА	4,227,152	10-7-80	Godard et al.						
		AB	4,525,846	6-25-85	Bremer et al.						
		AC	4,751,478	6-14-88	Yoshida						
		AD	4,891,806	1-2-90	Farias et al.						
		AE	4,903,125	2-20-90	Parker						
		AF	4,937,844	6-26-90	Kao						
	\vee	AG	5,164,963	11-17-92	-92 Lawrence et al.						
N	\mathcal{L}	AH 5,555,275 9-1996 Oshima									
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<u> </u>	12	AJ	0311188	4-12-89	EP	_				X	
		AK	0329158	8-23-89	EP	-		_	_	x	
		AL	64-5135	1-10-89	JP					x	
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A	2	AO			nce Study of NLA 64-State (pages 821-826.	QAM", I	EEE Trai	nsactio	ons on Co	ommunicati	ons, vol.
		AP	Hideki Ishio et a 20.	ıl., "A Proposa	al of a Carrier Digital Transm	nission S	ystem L	Ising N	Aulti-Leve	el APSK", p	ages 1-
٧	EL	AQ	Shanmugam, "Digital and Analog Communication Systems" 1979, p. 272.								
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D	AA LD		5,105,442	4-14-92	W	/ei						
		АВ	4,048,572	9-13-77	Dogliot	ti et al.	1					
	· · · · · · · · · · · · · · · · · · ·	AC	5,282,019	1-25-94	Basile	et al.						
		AD	5,311,547	5-10-94	W	/ei						
		AE	5,267,021	11-30-93	Ramchan	dran et al.						
		AF	5,038,219	8-6-91	Yamash	ita et al.						
1	AG 5,087,975 2-11-92				Citta	et al.		/				
D	AH 5,086,340 2-4-92		Citta	et al.								
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		АМ	0490552	6-17-92	Eur	оре	-			-	x	
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AO Khaled Fazel et al., Combined multilevel con 1081-1085 AP P. Hoeher et al., Performance of an RCPC-O IEEE Global Telecommunications Conference					multilevel cod	ling and multire	esolutio	n modu	lation, F	ebruary	8, 1993,	Pages
S	2	AP	P. Hoeher et al. IEEE Global Tele - 2.1.7									
AQ K. M. Uz et al., Combined multire 1992, Pages 283-292					ltiresolution so	ource coding ar	nd mod	ulation f	or digita	al broade	cast of HD	τ∨•,
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X	1.E	AA	5,142,353	8-25-92	Kageyar	ma et al.					
	t	AB	5,197,061	3-23-93	Halbert-La:	ssalle et al.					
		AC	5,291,289	3-1-94	Hulyalk	ar et al.					
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<i>,</i>	di	AO	K. M. Uz et al., 69.	Multiresolution	n Source and (Channel Coding	g for Dig	jital Bro	adcast of HDT	V, 1992, Pa	ages 61-
J	Ag	АР	Nambi Seshadri Fading Channel,					Unequal	Error Protection	on for the R	ayleigh
A	2	AQ William F. Schreiber, Spread-Spectrum Television Broadcasting, SMPTE Journal, August 1992, Pages 538-549.							es 538-		
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FORM PTO 1449 (A			_	ATTY DOCKET 2000_1420	NO.		SERIAL NEW	NO.			
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AS	AO	Martin Vetterli	other Document(s) (Including Author, Title, Date, Pertinent Pages, Etc.) rtin Vetterli et al., Multiresolution Coding Techniques for Digital Television: A Review, Multidimensional stems and Signal Processing, Volume 3, May 1992, Pages 161-187.								
SK	АР	Ezio Biglieri et a	Biglieri et al., Introduction to Trellis-Coded Modulation with Applications, April 6, 1992, Pages 173-207.								
NL	AQ	English Languag	n Language Abstract of European Patent No. 93 30 7575								
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10	را	АА	4,636,876	1-13-87	Schwartz							
		АВ	4,855,692	8-8-89	Kennard et al.							
		AC	4,873,701	10-10-89	Tretter							
		AD	4,958,360	9-18-90	Sari							
,	\bigvee	AE	5,115,453	5-19-92	Calderbank et al.							
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A.		АР	Thomas M. Cov	ver, Broadcast	Channels, IEEE Transactions	s on Info	rmation	Theory, Janua	ary 1972, Pa	ages 2-14		
X.	L	AQ	COM-26, No. 6	Optimum Weighted PCM for Speech Signals*, Sundberg, IEEE Transactions on Communications, Volume OM-26, No. 6, June 1978, Pages 872-881.								
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